

## SMALL MOTOR, MANUFACTURE OF THE SAME AND STOP WELDING MACHINE USED FOR MANUFACTURE

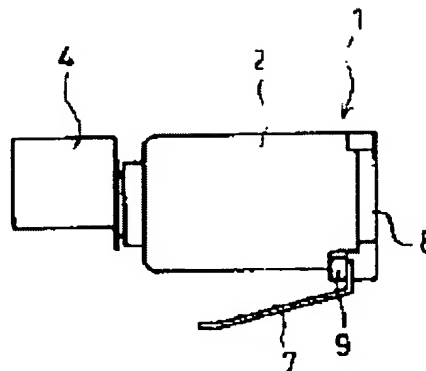
**Patent number:** JP11136901  
**Publication date:** 1999-05-21  
**Inventor:** FUKUOKA KIMIMICHI; MIYASATO HIROYUKI; IBATA HIDEKAZU; ADACHI HIROSHI  
**Applicant:** MATSUSHITA ELECTRIC IND CO LTD  
**Classification:**  
- international: H02K5/22; H02K3/50; H02K15/04  
- european:  
**Application number:** JP19970297624 19971030  
**Priority number(s):**

[Report a data error here](#)

### Abstract of JP11136901

**PROBLEM TO BE SOLVED:** To provide a small motor which can simplify electric connection against the incorporating device of the small motor.

**SOLUTION:** A current-carrying terminal 7 which is electrically connected to a brush and to which power is fed from the incorporating device-side of the small motor 1 is constituted in a plate form. At the time of mounting the motor on the incorporating device, the position of the current-carrying terminal 7 can be decided only by positioning the motor 1. The positioning man-hour of a lead wire, which cannot be automated in a former motor with lead wire and which requires a manual operation, becomes unnecessary. Since power is fed to the motor 1 by the contact of the current-carrying terminal 7 and the feeling terminal of the incorporating device, the soldering of the conducting terminal 2 in the plate form is not required and soldering man-hour can be reduced. Then, production efficiency can be improved.



---

Data supplied from the **esp@cenet** database - Patent Abstracts of Japan